

### TYPICAL INDICATOR ORDERING EXAMPLE

UB2

01

K

W03

6CF

—

1JB



#### Mounting Types

##### PCB Mounting

01 Square

##### Snap-in Mounting

04 Square

#### Housing

K Black

#### Terminals

W03 Silver PC/Turret

#### LEDs

##### Bright LED

5C Red

5D Amber

5F Green

#### Cap Types & Colors

##### Sculptured Cap Lens/Diffuser Colors

1JB Clear/White

1JC Clear/Red

1JD Clear/Amber

1JF Clear/Green

##### Beveled Cap & Colors

2B White

2C Red

2D Amber

2F Green

##### Flat Cap Lens/Diffuser Colors

3JB Clear/White

3JC Clear/Red

3JD Clear/Amber

3JF Clear/Green

#### Super Bright LED

6B White

6F Green

6G Blue

#### Sculptured Cap Lens/Diffuser Color

1JB Clear/White

#### Beveled Cap & Color

2B White

#### Flat Cap Lens/Diffuser Color

3JB Clear/White

#### Super Bright Bicolor LED

6CF Red/Green

6DG Amber/Blue

#### Sculptured Cap Lens/Diffuser Color

1JB Clear/White

#### Beveled Cap & Color

2B White

#### Flat Cap Lens/Diffuser Color

3JB Clear/White

#### Sculptured Cap with Alternating Legend

4JCF Clear; Red/Green

4JDG Clear; Amber/Blue

#### Flat Cap with Alternating Legend

5JCF Clear; Red/Green

5JDG Clear; Amber/Blue

#### Alternating Legends

11 ON (pos) OFF (pos)

12 ON (neg) OFF (neg)

13 START STOP

14 OPEN CLOSE

See Part Numbers Table on Next Page

#### DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

**UB201KW036CF-1JB**

Sculptured Cap with Clear Lens, White Diffuser

Red/Green Super Bright Bicolor LED

Square with PCB Mounting



Black Housing

Silver PC/Turret Terminals

Toggle

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

Tactiles

Tilt

Touch

Indicators

Accessories

Supplement

## Part Numbers for Alternating Legends

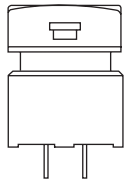
Color	15mm Square Sculptured Cap	15mm Square Flat Cap
	Part Number	Part Number
Red/Green	AT3069JCF11 ~ AT3069JCF14	AT3070JCF11 ~ AT3070JCF14
Amber/Blue	AT3069JDG11 ~ AT3069JDG14	AT3070JDG11 ~ AT3070JDG14

Refer to Ordering Table for Alternating Legend that corresponds with last 2 digits of part number.

## MOUNTING TYPES, SHAPES, & TERMINALS

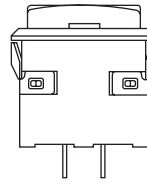
**01** PCB Mounting

Square



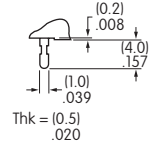
**04** Snap-in Mounting

Square with Built-in Bezel



**W03** Terminals


Silver PC/Turret




Panel Thickness: .039 ~ .126" (1.0 ~ 3.2mm)

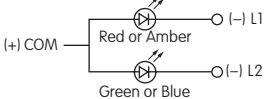
## LED COLORS & SPECIFICATIONS

The electrical specifications shown are determined at a basic temperature of 25°C. Polarity marks are on the bottom of the device. If the source voltage exceeds the rated voltage, a ballast resistor is required. The resistor value can be calculated by using the formula in the Supplement section. The LED is an integral part of the indicator and not available separately.

Note for Super Bright: 		Bright			Super Bright			Super Bright Bicolor		Unit
		<b>5C</b>	<b>5D</b>	<b>5F</b>	<b>6B</b>	<b>6F</b>	<b>6G</b>	<b>6CF</b>	<b>6DG</b>	
Color		Red	Amber	Green	White	Green	Blue	Red/Green	Amber/Blue	
Maximum Forward Current	$I_{FM}$	30	30	25	20	30	30	30/25 *Amber 25/22	30/30	mA
Typical Forward Current	$I_F$	20	20	20	15	20	20	20/20	15/15	mA
Forward Voltage	$V_F$	1.85	2.0	2.1	3.3	3.5	3.6	2.1/3.5	2.0/2.8	V
Maximum Reverse Voltage	$V_{RM}$	5	5	5	5	5	5	4/4	4/4	V
Current Reduction Rate Above 25°C	$\Delta I_F$	0.40	0.42	0.46	0.25	0.50	0.50	0.40/0.33	0.33/0.33	mA/°C
Ambient Temperature Range		-25° ~ +50			-20° ~ +50			-25° ~ +50	-25° ~ +50	°C

Bright Single Color LED with 1 element 

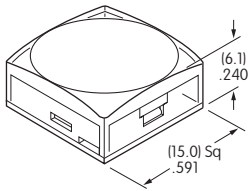
Super Bright Single Color LED with 1 element 

Super Bright Bicolor LED with 2 elements 

\*Amber color can be achieved by lighting red and green simultaneously on the bicolor LED (not suitable for Alternating Legends).

### CAP TYPES & COLOR COMBINATIONS

**1** AT3074  
Sculptured

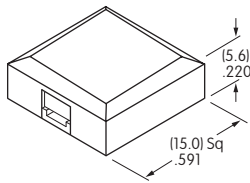


**Lens/Diffuser Colors Available:**

- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

Material: Polycarbonate  
Finish: Glossy

**2** AT3075  
Beveled

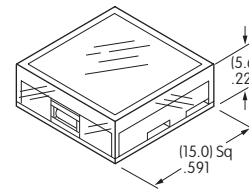


Material: Polycarbonate  
Finish: Glossy

**Cap Colors Available:**

- B** White
- C** Red
- D** Amber
- F** Green

**3** AT3076  
Flat



Material: Polycarbonate  
Finish: Glossy

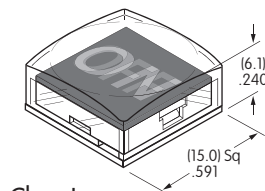
**Lens/Diffuser Colors Available:**

- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

### Alternating Legend Caps for Super Bright Bicolor LED

**AT3069J Sculptured Cap with Alternating Legend**

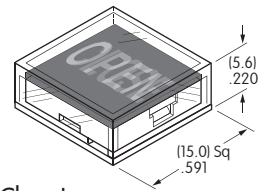
- 4JCF** Red/Green
- 4JDG** Amber/Blue



Clear Lens  
Alternating Legend Filter  
Material: Polycarbonate

**AT3070J Flat Cap with Alternating Legend**

- 5JCF** Red/Green
- 5JDG** Amber/Blue



Clear Lens  
Alternating Legend Filter  
Finish: Glossy

### Standard Alternating Legend Pairs



Green/Red or Blue/Amber



Green/Red or Blue/Amber



Green/Red or Blue/Amber



Green/Red or Blue/Amber

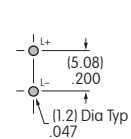
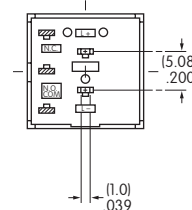
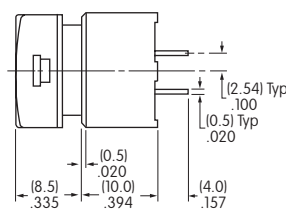
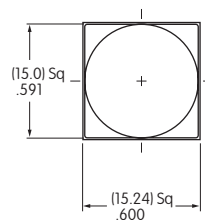
Cap illumination is alternating Green/Red or Blue/Amber; legend text is black. Contact factory for other Alternating Legends.

Legend illustrations are approximate representations of the actual characters on the filters.

Note: Cap Removal Tool available for PCB Mount. See AT093ABC in Accessories & Hardware section for dimensions and other details.

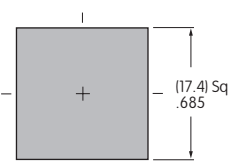
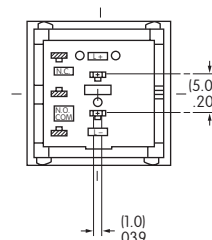
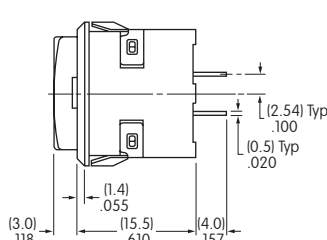
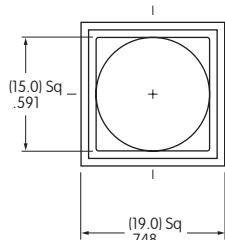
### TYPICAL INDICATOR DIMENSIONS

#### PCB Mount



**UB201KW035C-1JC**

#### Snap-in Mount



Panel Thickness:  
.039 ~ .126" (1.0 ~ 3.2mm)

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